



Issue Paper (IP)

IP Number: CIP RMPIG 2024-02

Initial Date: 30/Nov/2023

Revision / Date: (DD/MMM/YYYY)

Effective Date: (DD/MMM/YYYY):

Retroactivity (Y/N):

Title:	AC Zones, include S1000D as option to iSpec2200
Submitter:	RMPIG

Applies To:	
MSG-3 Vol 1	X
MSG-3 Vol 2	X
IMPS	

Issue:

Current paragraph 2.5-1 within MSG-3 limits aircraft zones as being defined in ATA iSpec 2200. “**2-5-1 Procedure** The following procedures may be used a) Divide the aircraft externally and internally into zones as defined in [ATA iSpec 2200], (formerly ATA Spec 100).”

Note that another paragraph in MSG-3 reads as follows: **Paragraph 2-4-4. ; “1. Procedure** The procedure for developing structural maintenance tasks is shown in the logic diagram (Ref. [Figure 2-4-4.1]) and described by a series of process steps (P1, P2, P3, etc.) and decision steps (D1, D2, D3, etc.) as follows: a. The structural maintenance analysis is to be applied to all aircraft structure which is divided into zones or areas (P1) and structural items (P2) by the manufacturer”

Problem:

iSpec 2200 ATA scope is limited to fixed wing aircraft and the specification is based upon SGML and DTDs, and not all air vehicle manufacturers publish manuals in SGML and DTDs any longer.

S1000D scope is more generalized to any product (air, land, sea, etc.), and the specification is based upon XML making data reuse easier and more efficient. Specification includes a figure example of a "zoned" helicopter.

Comparison of Major Zones and Major Sub-zones between the two specifications reveals they are similar if not identical.

Recommendation (including Implementation):

Proposed new Paragraph 2-5-1 is as follows.

Procedure a) Divide the aircraft externally and internally into zones as defined in [ATA iSpec 2200], (formerly ATA Spec 100) **or S1000D**.



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[Update Annex 1 References to include S1000D](#)

IMRBPB Position:

Date:

Position:

**Recommendation for
Implementation:**

**Status of the Issue
Paper:**

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Active

Incorporated in MSG-3 / IMPS (with details)

Archived